

INTELLFAX 4

INFORMATION REPORT

CD NO.

25X1A

COUNTRY East Germany

DATE DISTR. 15 October 1953

SUBJECT Development of Monitor Impulse Devices in
East Germany for Delivery to the USSR

NO. OF PAGES 1

NO. OF ENCLS.
(LISTED BELOW)SUPPLEMENT TO
REPORT NO.

25X1C

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1. In January 1950, 14 or 15 devices called Monitor A were delivered by the Scientific-Technical Bureau, Berlin-Koepenick, of MSP (Russian Ministry for the Ship Building Industry) to Leningrad via Technopromimport. At the time of delivery the Bureau, a successor to GEMA and a predecessor of the present Funkwerk Koepenick, was headed by Russian Major Shupta (Inu). Shortly after delivery of the devices, Shupta flew to Leningrad in order to supervise the unloading of the instruments.
2. Monitor A is an impulse device with variable impulse train frequency. It was learned by German technicians engaged in the development and construction of the device that the Russians wanted to use it with ship-borne radar installations. While construction of the devices was underway in Koepenick, the radar transmitters and receivers to be used in conjunction with Monitor A were built in Sachsenwerk Radeberg. The combination of the Monitor A device with radar makes it possible to extend the radar range limit. In addition to this advantage, Monitor A, which is provided with a start-stop device, can be synchronized with other (hostile) radar transmissions, and, thus, its radar transmitter can function as a jamming transmitter against other (hostile) radar transmissions.
3. After Monitor A had been completed and delivered to Russia, plans were made to develop a similar device with slight improvements, called Monitor B. This plan, however, was abandoned.
4. In 1951 development of Monitor C was started at Funkwerk Koepenick on orders of SAG Kabel. Monitor C is based on the principles used in the development of Monitor A. In contrast to Monitor A, Monitor C is provided with an electrical magnifier (elektrische Lupe) for increased reading accuracy of the Braun tube screen. Development of Monitor C is carried out in Funkwerk Koepenick by department TEM (Dr. Heinrich Weber) in co-operation with department TET (Heinz Ebesch). Work is progressing slowly because of shortages of material and skilled personnel.

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Approved For Release 2003/08/06 : CIA-RDP80-00810A002400130007-4

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